| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 1 | 319 | 385/39,37,1,3.ccls. and @pd>20030701 | USPAT; US-PGPUB; EPO; JPO | 2003/11/24 17:24 |
| 2 | 109 | 385/39,37,1,3.ccls. and @pd>20030701 and (array$4 with (waveguid$4 grat$4)) | USPAT; US-PGPUB; EPO; JPO | 2003/11/24 17:24 |
| - | 1139 | "array waveguide" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 12:56 |
| - | 0 | "array waveguide" and "length tuner" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:00 |
| - | 30 | "length tuner" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:02 |
| - | 0 | "length tuner" and "refractive index" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:01 |
| - | 4 | "length tuner" and waveguide | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:01 |
| - | 643 | length with (tuner or tuning) and waveguide | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:03 |
| - | 186 | (length with (tuner or tuning)) and waveguide and "refractive index" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:04 |
| - | 1 | "array waveguide" and tuner | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:04 |
| - | 5 | (length with (tuner or tuning)) and "array waveguide" and "refractive index" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:59 |
| - | 16 | "5290663" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 14:59 |
| - | 128 | dragone and lucent | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 15:00 |

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|---|---|---|---|---|
| - | 37 | dragone.in. and lucent | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 15:00 |
| - | 37 | dragone.in. and lucent.as. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/17 17:03 |
| - | 2 | 5920663.URPN. | USPAT | 2002/05/17 15:10 |
| - | 7 | ("4885734" \| "4991937" \| "4998793" \| "5029988" \| "5031993" \| "5625723" \| "5629991").PN. | USPAT | 2002/05/17 16:11 |
| - | 3 | 5675592.URPN. | USPAT | 2002/05/17 16:44 |
| - | 593 | 385/39.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/20 18:32 |
| - | 4 | "985942" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/20 12:58 |
| - | 1 | 2000-258652.NRAN. | DERWENT | 2002/05/20 12:59 |
| - | 0 | "NTT- INC." | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/20 17:45 |
| - | 460 | kaneko.in. and inoue.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/20 17:46 |
| - | 0 | kaneko.in. and inoue.in. and takahashi.in | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/20 17:46 |
| - | 19 | kaneko.in. and inoue.in. and takahashi.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/20 17:58 |
| - | 5 | kaneko.in. and inoue.in. and sugita.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/20 17:59 |
| - | 1521 | 385/10,37.ccls. not 385/39.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/21 18:13 |
| - | 205 | 385/10.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:49 |

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|---|---|---|---|---|
| - | 5 | "5675592" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 13:52 |
| - | 8 | "9503945" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:04 |
| - | 10 | "9504031" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 13:53 |
| - | 2643 | g02b006/34.ipc. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:05 |
| - | 1 | g02b006/34.ipc. and "03945" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:06 |
| - | 1 | g02b006/34.ipc. and "04031" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:07 |
| - | 24 | g02b006/34.ipc. and france | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:13 |
| - | 1 | 1998-195178.NRAN. | DERWENT | 2002/05/22 14:11 |
| - | 1 | 1999-314871.NRAN. | DERWENT | 2002/05/22 14:12 |
| - | 4 | "6094513" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:19 |
| - | 1 | FR-95/04031 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:19 |
| - | 21 | KEIL-RUDOLF.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:52 |
| - | 1537 | KEIL.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 14:52 |
| - | 31 | "KEIL, Rudolf".in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 15:00 |

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|---|---|---|---|---|---|
| - | 1 | wo9522070 | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 15:01 |
| - | 17 | "5467418" | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/22 16:39 |
| - | 13 | "4846542" | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/28 09:53 |
| - | 2 | ("5123070" \| "5546483").PN. | | USPAT | 2002/05/28 10:57 |
| - | 0 | 6304687.URPN. | | USPAT | 2002/05/28 11:05 |
| - | 0 | 6304687.URPN. | | USPAT | 2002/05/28 11:05 |
| - | 2 | ("5123070" \| "5546483").PN. | | USPAT | 2002/05/28 13:15 |
| - | 0 | 6304687.URPN. | | USPAT | 2002/05/28 13:30 |
| - | 2 | ("5123070" \| "5546483").PN. | | USPAT | 2002/05/28 13:30 |
| - | 7 | "0565308" | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/28 14:08 |
| - | 10 | "565308" | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/28 14:11 |
| - | 17 | "5212758" | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/05/29 10:26 |
| - | 0 | 20010022878.URPN. | | USPAT | 2002/05/28 14:46 |
| - | 380 | 385/3.ccls. | | USPAT; US-PGPUB; EPO; JPO | 2002/05/29 10:27 |
| - | 362 | 385/1.ccls. | | USPAT; US-PGPUB; EPO; JPO | 2002/05/29 10:27 |
| - | 631 | 385/1,3.ccls. and (elect$7 or therm$7 or temperature or peltier or heat$4 or tuner or tuning) | | USPAT; US-PGPUB; EPO; JPO | 2002/05/29 10:32 |
| - | 700 | 385/1,3.ccls. | | USPAT; US-PGPUB; EPO; JPO | 2002/05/29 10:32 |
| - | 294 | 385/1,3.ccls. and (thermo-optic$3 or electro-optic$3 or tuner or tuning) and (waveguide near$5 (array or grating)) | | USPAT; US-PGPUB; EPO; JPO | 2002/05/29 11:57 |
| - | 55 | 385/1,3.ccls. and (thermo-optic$3 or electro-optic$3 or tuner or tuning) and (waveguide with (array or grating)) | | USPAT; US-PGPUB; EPO; JPO | 2002/05/29 11:58 |
| - | 55 | (ridge near waveguide) same (modulat$4 with (electr$5 thermal$4)) | | USPAT; US-PGPUB; EPO; JPO | 2003/03/06 17:26 |

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| | | 28 | (US-6304687-$ or US-6385354-$ or US-6278822-$ or US-6298177-$ or US-6233070-$ or US-6091864-$ or US-5559906-$ or US-4798437-$ or US-5949542-$ or US-5920663-$ or US-6118909-$ or US-5881079-$ or US-6332055-$ or US-6353694-$ or US-6246814-$ or US-6212315-$ or US-6175671-$ or US-5978532-$ or US-5396506-$ or US-5329601-$ or US-5991067-$ or US-5422904-$ or US-4997246-$).did. or (US-20010033715-$ or US-20020048433-$ or US-20010022878-$ or US-20010024537-$).did. or (US-5926586-$).did. | USPAT; US-PGPUB; DERWENT | 2003/03/06 17:37 |
| - | | 5 | ((US-6304687-$ or US-6385354-$ or US-6278822-$ or US-6298177-$ or US-6233070-$ or US-6091864-$ or US-5559906-$ or US-4798437-$ or US-5949542-$ or US-5920663-$ or US-6118909-$ or US-5881079-$ or US-6332055-$ or US-6353694-$ or US-6246814-$ or US-6212315-$ or US-6175671-$ or US-5978532-$ or US-5396506-$ or US-5329601-$ or US-5991067-$ or US-5422904-$ or US-4997246-$).did. or (US-20010033715-$ or US-20020048433-$ or US-20010022878-$ or US-20010024537-$).did. or (US-5926586-$).did.) and ((thermal$4 temperature heat$4 cool$4) with modulat$4) | USPAT; US-PGPUB; EPO; JPO | 2003/03/09 17:29 |
| - | | 11 | ("20020064358" "20010053260" "6381380" "6400490" "4939743" "3821662" "6370307" "6212323" "5577138" "6137939" "4152044").pn. | USPAT; US-PGPUB; EPO; JPO | 2003/03/06 17:42 |
| - | | 1 | "6400490" and indium | USPAT; US-PGPUB; EPO; JPO | 2003/03/06 17:45 |
| - | | 2 | (("20020064358" "20010053260" "6381380" "6400490" "4939743" "3821662" "6370307" "6212323" "5577138" "6137939" "4152044").pn.) and ((thermal$4 temperature heat$4 cool$4) with modulat$4) | USPAT; US-PGPUB; EPO; JPO | 2003/03/06 17:50 |
| - | | 6 | "845685" | USPAT; US-PGPUB; EPO; JPO | 2003/03/06 17:50 |
| - | | 198 | 385/37.ccls. and 385/1-10.ccls. | USPAT; US-PGPUB; EPO; JPO | 2003/03/07 12:07 |
| - | | 61 | "array waveguide" and 385/1-5,8-10.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/07 12:57 |
| - | | 6 | "845685" | USPAT; US-PGPUB; EPO; JPO | 2003/03/10 08:39 |
| - | | 8 | "6137939" | USPAT; US-PGPUB; EPO; JPO | 2003/03/09 15:18 |
| - | | 143 | 359/288.ccls. | USPAT; US-PGPUB; EPO; JPO | 2003/03/09 17:30 |
| - | | 5 | "849615" | USPAT; US-PGPUB; EPO; JPO | 2003/03/10 08:39 |
| - | | 259 | 385/1-11.ccls. and 385/37.ccls. | USPAT; US-PGPUB; EPO; JPO | 2003/06/06 14:57 |

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|---|---|---|---|---|---|
| - | | 121 | (385/1-11.ccls. and 385/37.ccls.) and $array$ | USPAT; US-PGPUB; EPO; JPO | 2003/06/06 15:06 |
| - | | 73 | (385/1-11.ccls. and 385/37.ccls.) and $array$ with $grating$ | USPAT; US-PGPUB; EPO; JPO | 2003/06/06 15:14 |
| - | | 97 | 385/39.ccls. and ($array$ with $grating) | USPAT; US-PGPUB; EPO; JPO | 2003/06/06 15:16 |
| - | | 147 | 385/39.ccls. and (($array$ with waveguide$) array-waveguid$9 arraywaveguid$3) | USPAT; US-PGPUB; EPO; JPO | 2003/06/06 15:18 |
| - | | 165 | (385/39.ccls. and ($array$ with $grating)) (385/39.ccls. and (($array$ with waveguide$) array-waveguid$9 arraywaveguid$3)) | USPAT; US-PGPUB; EPO; JPO | 2003/06/06 15:18 |
| - | | 47 | (US-5949542-$ or US-5239598-$ or US-6118909-$ or US-5920663-$ or US-5881079-$ or US-6353694-$ or US-6332055-$ or US-6246814-$ or US-6212323-$ or US-6212315-$ or US-6181848-$ or US-6175671-$ or US-6094513-$ or US-5978532-$ or US-5519796-$ or US-5396506-$ or US-5329601-$ or US-6304687-$ or US-6385354-$ or US-6385353-$ or US-6298177-$ or US-6278822-$ or US-6233070-$ or US-6091864-$ or US-5559906-$ or US-4798437-$).did. or (US-5459799-$ or US-5991067-$ or US-5422904-$ or US-4997246-$ or US-6438277-$ or US-6449084-$ or US-6466707-$ or US-5608568-$).did. or (US-20010033715-$ or US-20020048433-$ or US-20010024537-$ or US-20010022878-$ or US-20020159698-$ or US-20020172455-$ or US-20030026544-$ or US-20030026520-$ or US-20020176666-$ or US-20020172463-$ or US-20020159700-$ or US-20020114556-$).did. or (US-5926586-$).did. | USPAT; US-PGPUB; DERWENT | 2003/06/09 13:30 |
| - | | 11 | ((US-5949542-$ or US-5239598-$ or US-6118909-$ or US-5920663-$ or US-5881079-$ or US-6353694-$ or US-6332055-$ or US-6246814-$ or US-6212323-$ or US-6212315-$ or US-6181848-$ or US-6175671-$ or US-6094513-$ or US-5978532-$ or US-5519796-$ or US-5396506-$ or US-5329601-$ or US-6304687-$ or US-6385354-$ or US-6385353-$ or US-6298177-$ or US-6278822-$ or US-6233070-$ or US-6091864-$ or US-5559906-$ or US-4798437-$).did. or (US-5459799-$ or US-5991067-$ or US-5422904-$ or US-4997246-$ or US-6438277-$ or US-6449084-$ or US-6466707-$ or US-5608568-$).did. or (US-20010033715-$ or US-20020048433-$ or US-20010024537-$ or US-20010022878-$ or US-20020159698-$ or US-20020172455-$ or US-20030026544-$ or US-20030026520-$ or US-20020176666-$ or US-20020172463-$ or US-20020159700-$ or US-20020114556-$).did. or (US-5926586-$).did.) and resist$ | USPAT; US-PGPUB; EPO; JPO | 2003/06/09 16:18 |
| - | | 1 | 6167168.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/06/09 16:19 |
| - | | 1 | 6167168.URPN. | USPAT | 2003/06/09 16:19 |
| - | | 5 | ("4685766" | "5195163" | "5515460" | "5559906" | "5805751").PN. | USPAT | 2003/06/09 16:19 |
| - | | 4 | ("20020061168" "20020181870" "5846849" "4087315").pn. | USPAT; US-PGPUB; EPO; JPO | 2003/07/17 15:17 |

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| | | 5 | ("20020061168" "20020181870" "5846849" "4087315" "20020126976").pn. | USPAT; US-PGPUB; EPO; JPO | 2003/07/17 15:17 |
|---|---|---|---|---|---|
| - | | 7 | "845645" | USPAT; US-PGPUB; EPO; JPO | 2003/07/23 15:24 |
| - | | 1022 | 385/37,39,1,3.ccls. and @pd > 20020501 | USPAT; US-PGPUB; EPO; JPO | 2003/07/23 15:26 |
| - | | 176 | 385/37,39,1,3.ccls. and @pd > 20020501 and (array near3 (grating waveguide)) | USPAT; US-PGPUB; EPO; JPO | 2003/07/23 15:39 |
| - | | 180 | 385/37,39,1,3.ccls. and @pd > 20020501 and (arrayed near3 (grating waveguide)) | USPAT; US-PGPUB; EPO; JPO | 2003/07/23 15:40 |
| - | | 89 | (385/37,39,1,3.ccls. and @pd > 20020501 and (arrayed near3 (grating waveguide))) not (385/37,39,1,3.ccls. and @pd > 20020501 and (array near3 (grating waveguide))) | USPAT; US-PGPUB; EPO; JPO | 2003/07/23 15:43 |
| - | | 7 | "632906" | USPAT; US-PGPUB; EPO; JPO | 2003/07/23 15:43 |
| - | | 1 | 5515460.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/07/24 12:08 |
| - | | 8 | 5515460.URPN. | USPAT | 2003/07/24 12:10 |
| - | | 7 | ("5002350" | "5351317" | "5367586" | "5412744" | "5515460" | "5745612" | "5862279").PN. | USPAT | 2003/07/24 12:10 |